

IN THE CLAIMS

Claim 1 (canceled).

Claim 2 (currently amended): A method for driving an electric percussion tool, said electric percussion tool including a solenoid having a first end and a second end and a middle portion, a plunger core partially engaged in said first end of said solenoid, and a spring member, said method comprising:

energizing said solenoid to draw said plunger core from said first end of said solenoid toward said middle portion of said solenoid,

de-energizing said solenoid, to allow said plunger core to move from said middle portion of said solenoid toward said second end of said solenoid with a moment of inertia of said plunger core,

applying a spring biasing force of said spring member against said plunger core to force said plunger core to move partially into said second end of said solenoid, and

energizing said solenoid again to draw said plunger core from said second end of said solenoid toward said middle portion of said solenoid, and to allow said plunger core to move from said middle portion of said solenoid toward said first end of said solenoid with a moment of inertia of said plunger core

~~applying a spring biasing force of said spring member against said plunger core to force said plunger core to move in a driving direction in addition to said solenoid.~~

Claim 3 (original): The method for driving electric percussion tools as claimed in claim 2 further comprising de-energizing said solenoid again, to allow said plunger core to move from said middle portion of said solenoid toward said first end of said solenoid with a moment of inertia of said plunger core.

Claim 4 (original): The method for driving electric percussion tools as claimed in claim 2 further comprising spacing said spring member away from said solenoid to allow said plunger core to move outwardly beyond said second end of said solenoid when said plunger core is forced against said spring member.

Claim 5 (original): The method for driving electric percussion tools as claimed in claim 4, wherein said solenoid is energized again to draw said plunger core from said second end of said solenoid toward said middle portion of said solenoid when said plunger core is forced to move partially into said second end of said solenoid by said spring member.